

C# Fundamentals

Kort om undervisningen

Take a deep dive into the world of C# programming and the .NET platform with this comprehensive three-day training class, designed specifically for seasoned developers.

Updated for the features of C# version 11, .NET 7, and Visual Studio 2022, this course is packed with hands-on exercises, presentations, and a suite of pre-study materials that will equip you with a robust foundational skillset for a wide range of applications.

Take a deep dive into the world of C# programming and the .NET platform with this comprehensive three-day training class, designed specifically for seasoned developers.

Updated for the features of C# version 11, .NET 7, and Visual Studio 2022, this course is packed with hands-on exercises, presentations, and a suite of pre-study materials that will equip you with a robust foundational skillset for a wide range of applications.

Pre-Course module

To ensure maximum value, we have expanded the course to include a comprehensive pre-course module of curated resources that are designed to get developers up to speed with the key concepts. With this knowledge, students will be empowered to dive deeper into the more advanced and crucial aspects of C# and apply this knowledge seamlessly in their projects.

This essential learning kit, comprising of presentations and hands-on exercises, covers:

- Hello World
- Working with chars and strings
- Data types & operators
- Flow Control
- Arrays & Loops
- Methods & Classes
- Enum
- DateTime

It's important to either complete this pre-course material or to have familiarity with these topics before attending the course.

Indhold

Throughout our engaging sessions, we will explore:

Pre-course Recap: A quick revision of the pre-course material.

The .NET echo system
Visual Studio
Classes
Fields and properties
Namespaces
Error handling and exceptions
Creating objects and the constructor
Static
Generic Collections
Composition
Inheritance
Interface
Generics
LINQ - Part 1
Anonymous types
IEnumerable
Extension methods
Lambda and delegates
Func and Action
LINQ - Part 2
and much more ...

Throughout our engaging sessions, we will explore:

- Pre-course Recap: A quick revision of the pre-course material
- The .NET echo system
- Visual Studio
- Classes
- Fields and properties
- Namespaces
- Error handling and exceptions
- Creating objects and the constructor
- Static
- Generic Collections
- Composition
- Inheritance
- Interface
- Generics
- LINQ - Part 1
- Anonymous types
- IEnumerable
- Extension methods
- Lambda and delegates
- Func and Action
- LINQ - Part 2
- and much more ...

Forudsætninger

Existing programming experience in any object-oriented language. No prior experience in C#, .NET or Visual Studio is necessary.

Målgruppe

Software developers eager to begin their journey in C# programming on the .NET platform.

Efter kurset kan deltageren

Kommende afholdelsesdatoer

Ingen planlagte datoer, anvend kontaklinformationerne nedenfor.

Oplysning om yderligere afholdelser findes på vores [hjemmeside](#). Andre spørgsmål besvares meget gerne ved brug af vores [kontaktformular](#) eller på telefon (+45) 33 861 861